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RULE DO (ST U.F.N. 1.09) FUR UTILITYUESIGN DECLARATION AND POWER OF ATTORNEY CIPIPCT NATIONALIPLANT FOR PATENT APPLICATION ORIGINAL/SUBSTITUTE/SUPPLEMENTAL IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **DECLARATIONS**

LIM GE O FORM

As a below named inventor, thereby declare that my residence, post office address and citizenship are as stated below next to my name, and the believe I am the original, first and sole inventor (if only one name is listed pelow) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION EN TITLED THING SKEW COMPENSATION

TECHNIQUE FO	R PARALLEL DAT	ra Channels							
the specification of which (CHECK applicable BOX(ES))									
X A. 🛛 is attached hereto									
	BOX(ES) B was filed on as U.S. Application No // on								
and // angleana				NO. PC//	0,1				
and (if applicable to U.S. or PCT application) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as attended by any amendment referred to above. I acknowledge the duty to disclose all information known to the to be material to patentiability as defined in 37 C.F.R. 1, 56. Except as noted below, I hereby claim to the sign priority benefits under 35 U.S.C. 119(a)-(d) or 385(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international Application filed by the or my assigned disclosing the subject matter claimed in this application and having a filing date (1) before that or the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application.									
PRIOR FOREIGN	PRIOR FOREIGN APPLICATION(S) Date first Laud- Date Patented								
Number	Country	Day/MONTH/Y	ear Filed		open or Published or Granted		NOT Claimed		
Except as noted below, it hereby claim domestic priority penefit under 35 U.S.C. 119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above of pelow and, if this is a continuation-in-part (CIP.) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in \$7 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application.									
	VISIONAL, NONF	ROVISIONAL AND/OR	PCT APPLICA NTH/Year File		<u>Status</u> a. abandoned.		NOT Claimed		
And I hereby appoint persons of mar him transact all ousness names of persons in the person/assigner disclosure to be replaid N. Kokulis Raymond F. Lipp G. Lloyd Kright Kevin E. Joyce George M. Sinlia Donald J. Bird	atements were made e 18 of the United State of	with the knowledge that will the Code and that such will the Code and that such will the Code and that such will the Code and the Code	ini talse statemer roup, Telephone r 1009 (see below la therewith and mat Cersent this case to dor an attorney 32011 28458 335861 32995	mat all statements made on a not and the lake so made are not and the lake so made are not and people of the valid and to act and other and by whom which of that firm in writing to the Stephen C Glazier Richard H Zaitlen Roger R. Wise Michael R Dzwonczyk W Patrick Bengtsson Jack S. Barufka	whom all community of the application of the applic	e or imprisonment, a on or any patent issue cations are to be direct to prosecute this apphem to delete from it.	r both, under led thereon. (cted), and olication and to hat Customer No cate directly with		
Dale S Lazar	28872	Mark G Paulson	30793	Adam R. Hess	41835				
(1) INVENTOR'S	SIGNATURE-	Mhalus	<u> </u>	Date	: May	8, 2001			
	Mehran			ALIAHMAD					
		First	Middle Inmat		Family				
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(2) INVENTOR'S SIGNATURE: Runelle. Runn Date. 8 May 101									
Russell W BROWN									
First Middle Initial Family Name									
Residence	Nepean, Onta	-	Canada		Cana				
Page Office and		City		State/Foreign Country		Country of Citiz	enship		
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FOR ADDITIONAL INVENTORS, "X" box 🖾 and proceed on the attached page to list each additional inventor Atty. Dkt. No. PM 272979									

DECLARATION AND POWER OF ATTORNEY

(continued)
ADDITIONAL INVENTORS

3) INVENTOR'S SIGN	YATURE:		tiate:			
Bruc	re	LESHAY				
Føst		Middle Initial	Family Name			
Residence Wes	it Baylston	MA	United States			
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Mailing Address		treet West Boylston, MA				
include Zip Code)	01583					
4) INVENTOR'S SIGI	NATURE.	<u>-</u>	Date.			
	First	Middle Initial	Family Name			
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5) INVENTOR'S SIG	NATURE:		Date:			
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FOR UTILITY/DESIGN CIP/PCT NATIONAL/PLANT ORIGINAL/SUBSTITUTE/SUPPLEMENTAL DECLARATIONS

RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PM & S FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED TIMING SKEW COMPENSATION

TECHNIQUE FOR PARALLEL DATA CHANNELS								
the specification of which (CHECK applicable BOX(ES))								
X A.⊠isa	ttached hereto.				,			
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I hereby state that I have above. I acknowledge the foreign priority benefits un Application which designa	reviewed and und e duty to disclose nder 35 U S.C 11 ated at least one o	all information known to me 9(a)-(d) or 365(b) of any fo	e above identified e to be material to reign application(ed States, listed b	specification, including the clop patentability as defined in 3 is for patent or inventor's certielow and have also identified subject matter claimed in this date of this application.	ificate, or 365	(a) of any PCT In	nternational for patent or inve	entor's
PRIOR FOREIGN APPLICATION(S) Date first Laid- Date Patented Priority NOT Claimed								
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PCT international applica application is in addition defined in 37 C.F.R 1 56 application: PRIOR U.S. PROVIS Application No. (ser Application No. 1 the series of the s	ations listed above to that disclosed is which became as incomplete statements made tents were made to the United Statements with the Statements with their first the statements with their first the statements with their first the statements.	n such prior applications, I vailable between the filing of vailable between the filing of the property of the	acknowledge the date of each such macknowledge the date of each such per a per	or 120 and/or 365(c) of the int (CIP) application, insofar as duty to disclose all information prior application and the nation of prior application and the nation and the like so made are puts may jeopardize the validity number (202) 861-3000 (to whole) individually and collective in the resulting patent, and I houstomer No., and to act and recommended the strip in writing to the construction of the Firm in writing to the construction of the construction of the strip in writing to the construction of the strip in writing the strip	ormation and cunishable by of the applic ormation and cunishable by of the applic ormali community my attorneereby authoria elely on instructionereby declar	belief are believe fine or imprison ration or any pate unications are to type to prosecute the tent them to delete tens from and colors.	to patentability and date of this incrity NOT Classification and to be true; and ment, or both, unint issued thereo this application at from that Custor mmunicate directs sented after full kins relee	aimed d der n. d nd to mer No
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(2) INVENTOR'S SIGNATURE: Date:								
Russell W BROWN								
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FOR ADDITIONAL INVENTORS, "X" box 🛛 and proceed on the attached page to list each additional inventor. Atty. Dkt. No. PM 272979								
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DECLARATION AND POWER OF ATTORNEY

			(continue	d)	
			ADDITIONAL INV		
(3) INVENTOR	'S SIGNATURE:	Ann ala	d	✓ Date: 5	124/2001
	Bruce			LESHAY	
	·	First:	g)Middle Initial	5.5	Family Name
Residence	West Boylston		MA	· · ·	United States
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(9) INVENTOR'	S SIGNATURE:			Date:	
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Rule 56(a) & (b) = 37 C.F.R. 1.56(a) & (b) PATENT AND TRADEMARK CASES - RULES OF PRACTICE DUTY OF DISCLOSURE

(a) ... Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the [Patent and Trademark] Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability...(b) information is material to patentability when it is not cumulative and (1) It also establishes by itself, or in combination with other information, a prima facie case of unpatentability of a claim or (2) refutes, or is inconsistent with, a position the applicant takes in: (i) Opposing an argument of unpatentability relied on by the Office, or (ii) Asserting an argument of patentability

PATENT LAWS 35 U.S.C.

§102. Conditions for patentability; novelty and loss of right to patent

A person shall be entitled to a patent unless--

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
- (c) he has abandoned the invention, or
- the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months* before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
- $(f)_{i=1}^{i}$ he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

§103. Condition for patentability; non-obvious subject matter

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made. . . .
- (c) Subject matter developed by another person, which qualified as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

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^{*} Six months for Design Applications (35 U.S.C. 172).